Application Serial No.: 10/610,497

Reply to Office Action of October 5, 2004

Page 2 of 5

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1. (Currently Amended). An integrated circuit package comprising:
- (a) an integrated circuit die having at least one circuit etched thereon, the circuit comprising elements which require theoretically negative reactive component values; and
- (b) a housing containing said integrated circuit die, wherein said integrated circuit die is electrically coupled to said housing using at least one wire bond; wherein said each wire bond(s) has (have) an inductance associated therewith; and wherein the negative reactive component values theoretically required by the integrated circuit are actually incorporated into the circuit through the use of wire bonds having pre-determined inductance values. wherein said wire bond inductance is used to facilitate operation of said at least one circuit.
- 2. (Currently Amended). The integrated circuit of claim 1, wherein the circuit comprises an impedance inverter. A method of providing inductance to facilitate operation of a circuit contained in an integrated circuit package comprising making available wire bond inductance to said circuit.
- 3-13. (Cancelled).